AUDAC

Highlights:

- Compatible with WP2xx series remote wall input panels
- Remote audio & volume control input
- Low noise & distortion audio amplification
- Class-D amplifier technology
- Energy star certified
- Passively cooled housing
- Compact and lightweight design
- Compatible with a wide variety of wall control panels

Product information:

The AMP22 is a mini stereo power amplifier with a power rating of 2 x 15 Watt, that lends itself perfectly to small speaker systems requiring compact and economical audio solutions. It offers the ideal solution for applications such as classrooms, offices and meeting rooms where only a small amount of speakers are required.

The compact size and very high efficiency make it perfectly suited to be hidden in a closet, on a false ceiling or mounted under a desk or table. The combination of the stereo balanced line, with microphone input, makes it perfectly suited for applications where it should be used in combination with projection screens and video sources while a microphone is connected. Two gain potentiometers make it possible to control the sensitivity and balance between music and speech, while a switch allows bridging of the output channels to obtain one channel with merged output power.

A remote wall mixer can be connected for applications where local mixing for the inputs is desirable, while large distances can be covered between the source and amplifier using simple CAT5E or higher twisted pair cabling. The volume controller input allows the connection of an additional wall controller for overall volume control.

The Class-D amplifier technology, standby mode and included switching power supply makes this device compliant to the highest energy efficiency and environmental requirements. A variety of optionally available mounting brackets for the AUDAC S-Box product range are allowing desk, closet or 19" equipment rack installation.

Applications:

- Corporate
- Bars & Restaurants
- Retail

Certification:

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System specifications:

RMS/AES power handling	@ 4 Ω Stereo		2 x 15 W
	@ 8 Ω Stereo		2 x 7.5 W
	@ 8 Ω Bridge		30 W
Inputs	Balanced Stereo	Type	1 x Stereo Balanced Line
		Connector	2 x 3-pin Euro Terminal Block (Pitch - 3.81 mm)
		Impedance	20 kΩ
		Sensitivity	-12 dBV ~ +12 dBV
	Balanced Microphone	Type	1 x Balanced Microphone
		Connector	3-pin Euro Terminal Block (Pitch - 3.81 mm)
		Impedance	47 kΩ
		Sensitivity	-50 dBV ~ -18 dBV
	Remote audio	Connector	RJ45
	Other	Connector	RJ45
		Type	1 x Remote Volume controller
Outputs	Type		1 x Stereo Loudspeaker
	Connector		4-pin Euro Terminal Block (Pitch - 5.08 mm)
THD+N (@ 1 kHz)			< 0.1%
Crosstalk (@ 1 kHz)			< -75 dB
Signal / Noise			> 95 dB
Power	Consumption	Standby	0.8 W (PSD241 included)
	Supply		24V DC (PSD241 switching Power supply included 100 ~ 240V AC / 47 ~ 63 Hz)
Efficiency			87%
Cooling			Convection cooled
Protection			Over heating
			Over load
			DC Short circuit
			Signal limiting
Energy certification			Energy Star 3.0

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Product Features:

Dimensions		108 x 44 x 165 mm (W x H x D)
Weight		0.800 kg
Accessories	Included	PSD241 - Power supply 24V / 1.67 A (Efficiency Level V)
	Optional	VC3208 Remote volume controller
		MBS1xx Optional Wall mounting brackets
		TR3030 100V Transformer 30 W
		WP2xx Universal wall panel

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